2. (b) 62(t) inside the integral

3.60) PDE from 3(a)+ Roundary Conditions

f(t, x, y) = 2 f(t, x, y) = 2 when x=0, y=0

3.(c) Almost the same with Thm 8.4.

2.(a)  $\circ$  C=(Ct.x) satisfies Black-scholer PDB with  $\sigma=\sigma_1$ 

when computing dse, d(s,s)e, use G=G2